

020

010E

CRF Error Corrected by the STIC System Branch

Serial Number: 09/427,657CRF Processing Date: 11/9/99
Edited by: _____
Verified by: AN (STIC staff)

Changed a file from non-ASCII to ASCII

Changed the margins in cases where the sequence text was "wrapped" down to the next line.

Edited a format error in the Current Application Data section, specifically: **ENTERED**

Edited the Current Application Data section with the actual current number. The number inputted by the applicant was the prior application data; or other _____.

Added the mandatory heading and subheadings for "Current Application Data".

Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.

Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____

Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: _____

Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: _____

Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.

Inserted colons after headings/subheadings. Headings edited included: _____

Deleted extra, invalid, headings used by an applicant, specifically: _____

Deleted: non-ASCII "garbage" at the beginning/end of files; secretary initials/filename at end of file; page numbers throughout text; other invalid text, such as _____.

Inserted mandatory headings, specifically: _____

Corrected an obvious error in the response, specifically: _____

Edited identifiers where upper case is used but lower case is required, or vice versa.

Corrected an error in the Number of Sequences field, specifically: _____

A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.

Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____

Other: seq 3-deleted amino acid 355

Input Set: I427657.RAW

This Raw Listing contains the General Information Section and up to first 5 pages.

1 <110> APPLICANT: Alitalo, Kari
2 Yl-Herttuala, Seppo
3 Hiltunen, Mikko O
4 Jeltsch, Markku M
5 Achen, Marc G
6 <120> TITLE OF INVENTION: Use of VEGF-C or VEGF-D Gene or Protein to Prevent Resten
7 <130> FILE REFERENCE: 28967/35601A
8 <140> CURRENT APPLICATION NUMBER: US/09/427,657
9 <141> CURRENT FILING DATE: 1999-10-26
10 <150> EARLIER APPLICATION NUMBER: US 60/105,587
11 <151> EARLIER FILING DATE: 1998-10-26
12 <160> NUMBER OF SEQ ID NOS: 18
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Input Set: I427657.RAW

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Input Set: I427657.RAW

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100 Leu Lys Gly Lys Lys Phe His His Gln Thr Cys Ser Cys Tyr Arg Arg
101 375 380 385
102 cca tgt acg aac cgc cag aag gct tgt gag cca gga ttt tca tat agt 1557
103 Pro Cys Thr Asn Arg Gln Lys Ala Cys Glu Pro Gly Phe Ser Tyr Ser
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127 35 40 45
128 Thr Ala Tyr Ala Ser Lys Asp Leu Glu Glu Gln Leu Arg Ser Val Ser
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130 Ser Val Asp Glu Leu Met Thr Val Leu Tyr Pro Glu Tyr Trp Lys Met
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136 His Tyr Asn Thr Glu Ile Leu Lys Ser Ile Asp Asn Glu Trp Arg Lys
137 115 120 125
138 Thr Gln Cys Met Pro Arg Glu Val Cys Ile Asp Val Gly Lys Glu Phe
139 130 135 140
140 Gly Val Ala Thr Asn Thr Phe Phe Lys Pro Pro Cys Val Ser Val Tyr
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Input Set: I427657.RAW

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149	210	215	220
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152	Lys Thr Cys Pro Thr Asn Tyr Met Trp Asn Asn His Ile Cys Arg Cys		
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154	Leu Ala Gln Glu Asp Phe Met Phe Ser Ser Asp Ala Gly Asp Asp Ser		
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Input Set: I427657.RAW

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241	Gly Pro His Met Met Phe Asp Glu Asp Arg Cys Glu Cys Val Cys Lys	
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PAGE: 6

VERIFICATION SUMMARY
PATENT APPLICATION US/09/427,657

DATE: 11/10/1999

TIME: 16:39:39

Input Set: I427657.RAW

Line ? Error/Warning

Original Text

110 W Invalid/Missing Amino Acid Numbering

Input Set: I427657.RAW

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 43 Phe Phe Lys Pro Pro Cys Val Asn Val Phe Arg Cys Gly Gly Cys Cys
 44 135 140 145
 45 aat gaa gag agc ctt atc tgt atg aac acc agc acc tcg tac att tcc 896
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Input Set: I427657.RAW

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PAGE: 1

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/427,657DATE: 11/09/1999
TIME: 16:43:06

Input Set: I427657.RAW

This Raw Listing contains the General Information Section and those Sequences containing ERRORS.

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 3 Hiltunen, Mikko O
 4 Jeltsch, Markku M
 5 Achen, Marc G
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 9 <141> 1999-10-26
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*Does Not Comply
Corrected Diskette Needed*

ERRORED SEQUENCES FOLLOW

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 24 ttagagtgtct ttctaatttc aggttagaaga catgtccacc ttctgattat ttttggagaa 180
 25 cattttgatt tttttcatct ctctctcccc acccctaaga ttgtgcaaaa aaagcgtacc 240
 26 ttgcctaatt gaaataattt cattggattt tgatcagaac tgattattt gttttctgtg 300
 27 tgaagttttg aggtttcaaa ctttcccttct ggagaatgcc ttttgaaaaca attttctcta 360
 28 gctgcctgtat gtcaactgct tagtaatcag tggatattga aatattcaaa atg tac 416
 29 Met Tyr
 30 1
 31 aga gag tgg gta gtg gtg aat gtt ttc atg atg ttg tac gtc cag ctg 464
 32 Arg Glu Trp Val Val Val Asn Val Phe Met Met Leu Tyr Val Gln Leu
 33 5 10 15
 34 gtg cag ggc tcc agt aat gaa cat gga cca gtg aag cga tca tct cag 512
 35 Val Gln Gly Ser Ser Asn Glu His Gly Pro Val Lys Arg Ser Ser Gln
 36 20 25 30
 37 tcc aca ttg gaa cga tct gaa cag cag atc agg gct gct tct agt ttg 560
 38 Ser Thr Leu Glu Arg Ser Glu Gln Gln Ile Arg Ala Ala Ser Ser Leu
 39 35 40 45 50

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Input Set: I427657.RAW

40	gag gaa cta ctt cga att act cac tct gag gac tgg aag ctg tgg aga	608
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42	55 60 65	
43	tgc agg ctg agg ctc aaa agt ttt acc agt atg gac tct cgc tca gca	656
44	Cys Arg Leu Arg Leu Lys Ser Phe Thr Ser Met Asp Ser Arg Ser Ala	
45	70 75 80	
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47	Ser His Arg Ser Thr Arg Phe Ala Ala Thr Phe Tyr Asp Ile Glu Thr	
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50	Leu Lys Val Ile Asp Glu Glu Trp Gln Arg Thr Gln Cys Ser Pro Arg	
51	100 105 110	
52	gaa acg tgc gtg gag gtg gcc agt gag ctg ggg aag agt acc aac aca	800
53	Glu Thr Cys Val Glu Val Ala Ser Glu Leu Gly Lys Ser Thr Asn Thr	
54	115 120 125 130	
55	ttc ttc aag ccc cct tgt gtg aac gtg ttc cga tgt ggt ggc tgt tgc	848
56	Phe Phe Lys Pro Pro Cys Val Asn Val Phe Arg Cys Gly Gly Cys Cys	
57	135 140 145	
58	aat gaa gag agc ctt atc tgt atg aac acc agc acc tcg tac att tcc	896
59	Asn Glu Glu Ser Leu Ile Cys Met Asn Thr Ser Thr Ser Tyr Ile Ser	
60	150 155 160	
61	aaa cag ctc ttt gag ata tca gtg cct ttg aca tca gta cct gaa tta	944
62	Lys Gln Leu Phe Glu Ile Ser Val Pro Leu Thr Ser Val Pro Glu Leu	
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64	gtg cct gtt aaa gtt gcc aat cat aca ggt tgt aag tgc ttg cca aca	992
65	Val Pro Val Lys Val Ala Asn His Thr Gly Cys Lys Cys Leu Pro Thr	
66	180 185 190	
67	gcc ccc cgc cat cca tac tca att atc aga aga tcc atc cag atc cct	1040
68	Ala Pro Arg His Pro Tyr Ser Ile Ile Arg Arg Ser Ile Gln Ile Pro	
69	195 200 205 210	
70	gaa gaa gat cgc tgt tcc cat tcc aag aaa ctc tgt cct att gac atg	1088
71	Glu Glu Asp Arg Cys Ser His Ser Lys Lys Leu Cys Pro Ile Asp Met	
72	215 220 225	
73	ctt tgg gat agc aac aaa tgt aaa tgt gtt ttg cag gag gaa aat cca	1136
74	Leu Trp Asp Ser Asn Lys Cys Lys Val Leu Gln Glu Glu Asn Pro	
75	230 235 240	
76	ctt gct gga aca gaa gac cac tct cat ctc cag gaa cca gct ctc tgt	1184
77	Leu Ala Gly Thr Glu Asp His Ser His Leu Gln Glu Pro Ala Leu Cys	
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79	ggg cca cac atg atg ttt gac gaa gat cgt tgc gag tgt gtc tgt aaa	1232
80	Gly Pro His Met Met Phe Asp Glu Asp Arg Cys Glu Cys Val Cys Lys	
81	260 265 270	
82	aca cca tgt ccc aaa gat cta atc cag cac ccc aaa aac tgc agt tgc	1280
83	Thr Pro Cys Pro Lys Asp Leu Ile Gln His Pro Lys Asn Cys Ser Cys	
84	275 280 285 290	
85	ttt gag tgc aaa gaa agt ctg gag acc tgc tgc cag aag cac aag cta	1328
86	Phe Glu Cys Lys Glu Ser Leu Glu Thr Cys Cys Gln Lys His Lys Leu	
87	295 300 305	
88	ttt cac cca gac acc tgc agc tgt gag gac aga tgc ccc ttt cat acc	1376
89	Phe His Pro Asp Thr Cys Ser Cys Glu Asp Arg Cys Pro Phe His Thr	

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91 aga cca tgt gca agt ggc aaa aca gca tgt gca aag cat tgc cgc ttt 1424
92 Arg Pro Cys Ala Ser Gly Lys Thr Ala Cys Ala Lys His Cys Arg Phe
93 325 330 335
94 cca aag gag aaa agg gct gcc cag ggg ccc cac agc cga aag aat cct 1472
95 Pro Lys Glu Lys Arg Ala Ala Gln Gly Pro His Ser Arg Lys Asn Pro
96 340 345 350
97 tga ttcaagcggttc caagttcccc atccctgtca ttttaacag catgctgctt 1525
98 855 *delete*
99 tgcccaagttt ctgtcactgt tttttccca ggtgttaaaa aaaaaatcca ttttacacag 1585
100 caccacagtg aatccagacc aacccat tcacaccaggc taaggagtcc ctgggttcatt 1645
101 gatggatgtc ttctagctgc agatgcctt ggcaccaag gaatggagag gaggggaccc 1705
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104 ctgagtcctt tgctaattcgc aactcttgc aattattctg attctttttt atgcagaatt 1885
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107 caagccaaaa aaaaaaaaaaaa aaaa 2029

E-->

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VERIFICATION SUMMARY
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Line ? Error/Warning

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